

FIG. 1

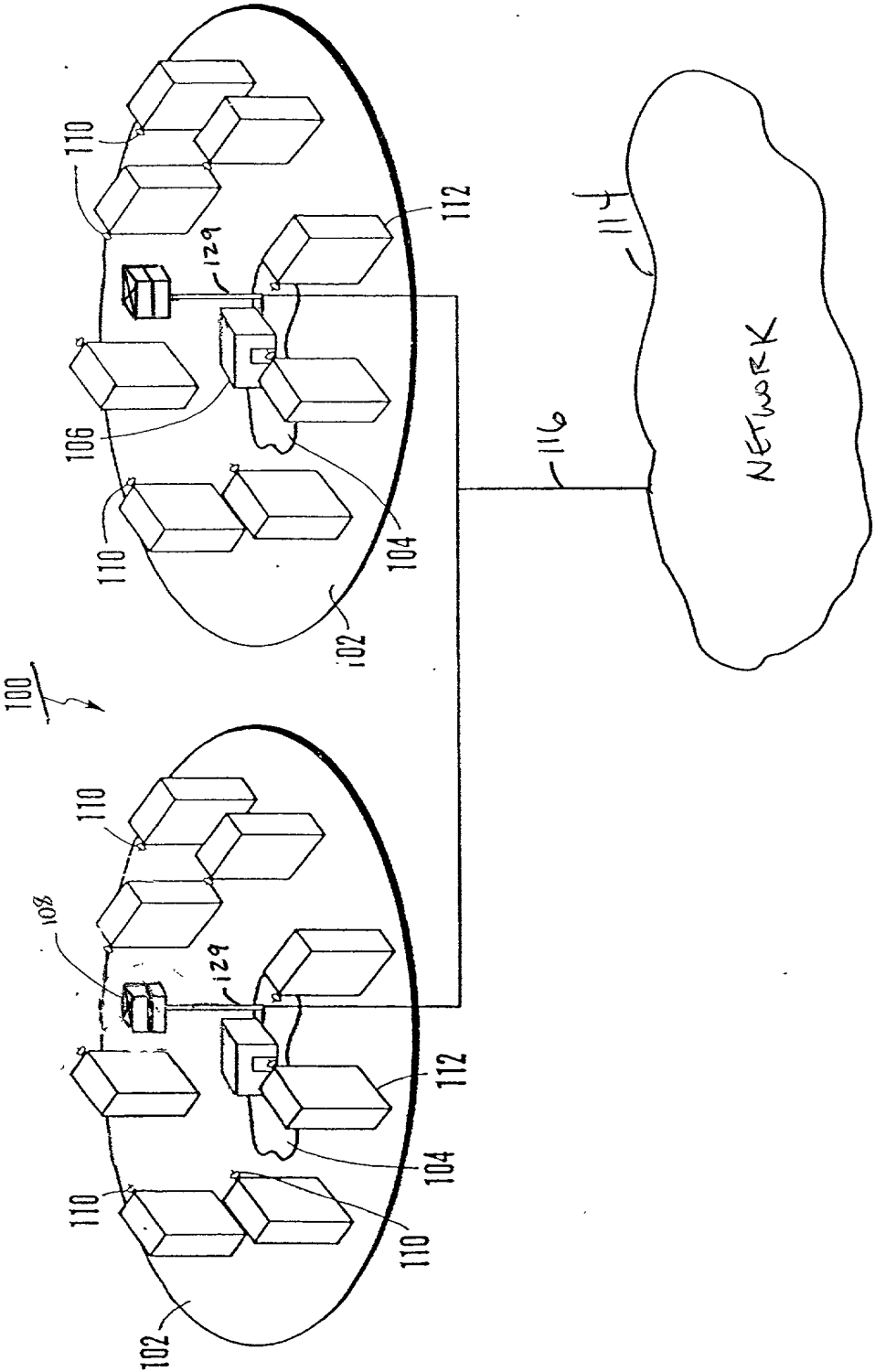


FIG. 1

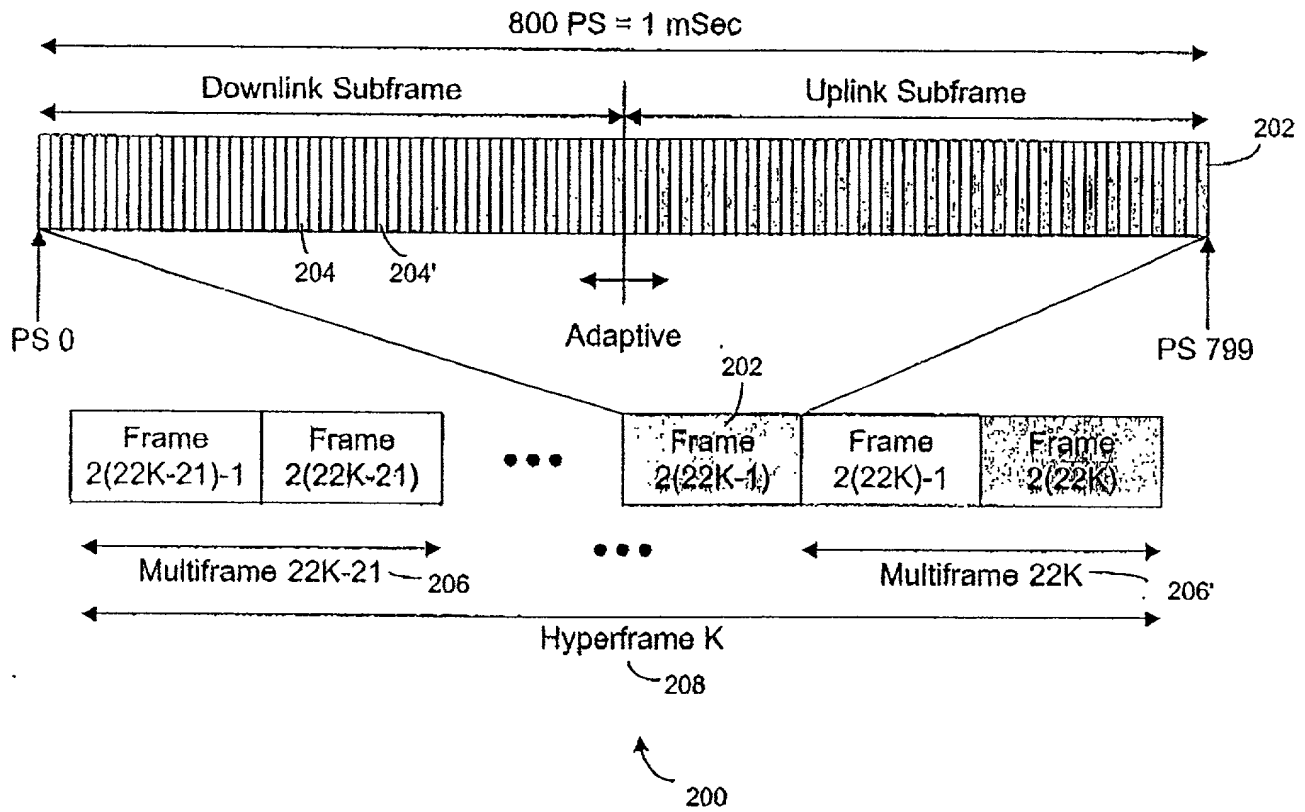


FIGURE 2

EL739678208US

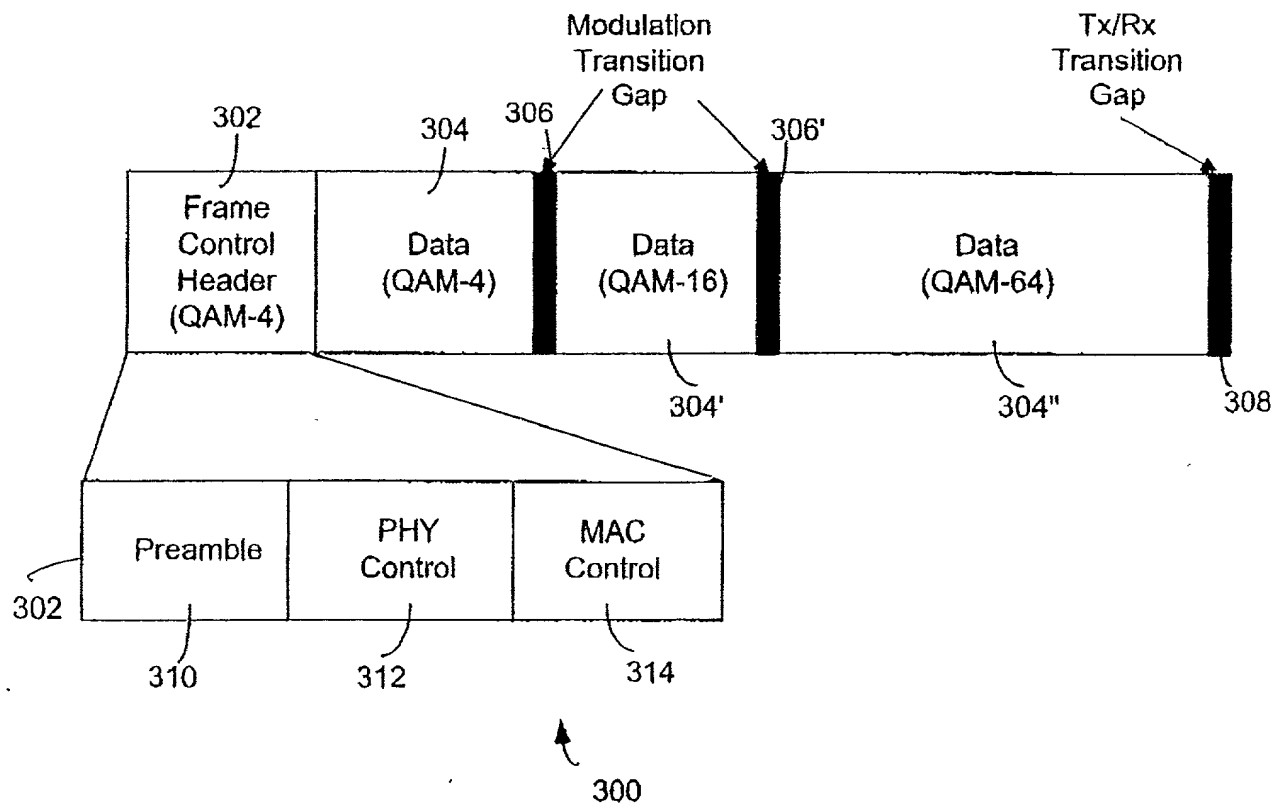


FIGURE 2A

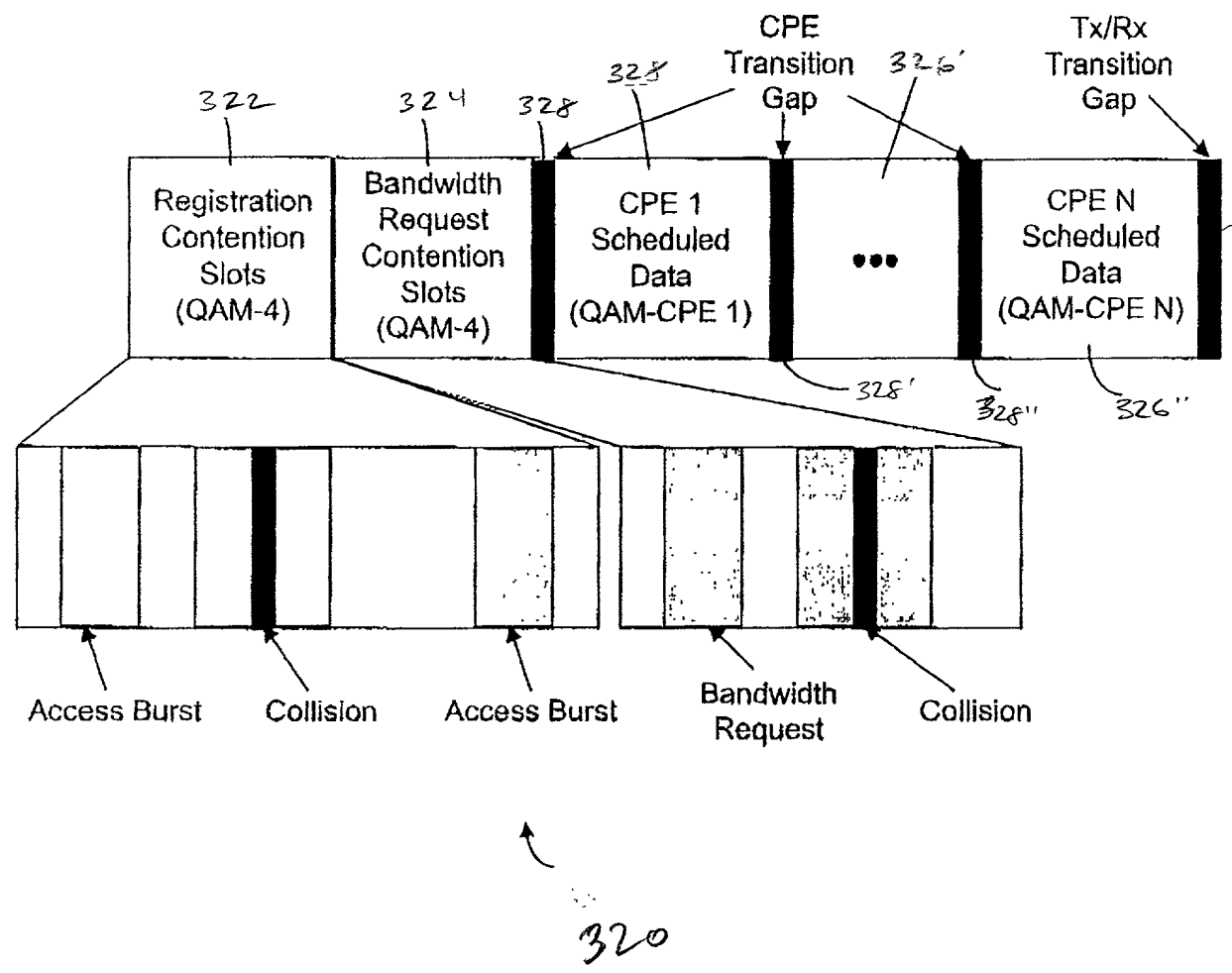


FIGURE 2B

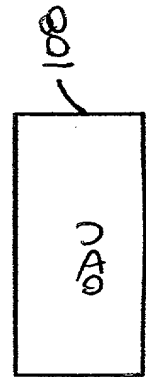


FIG. 3

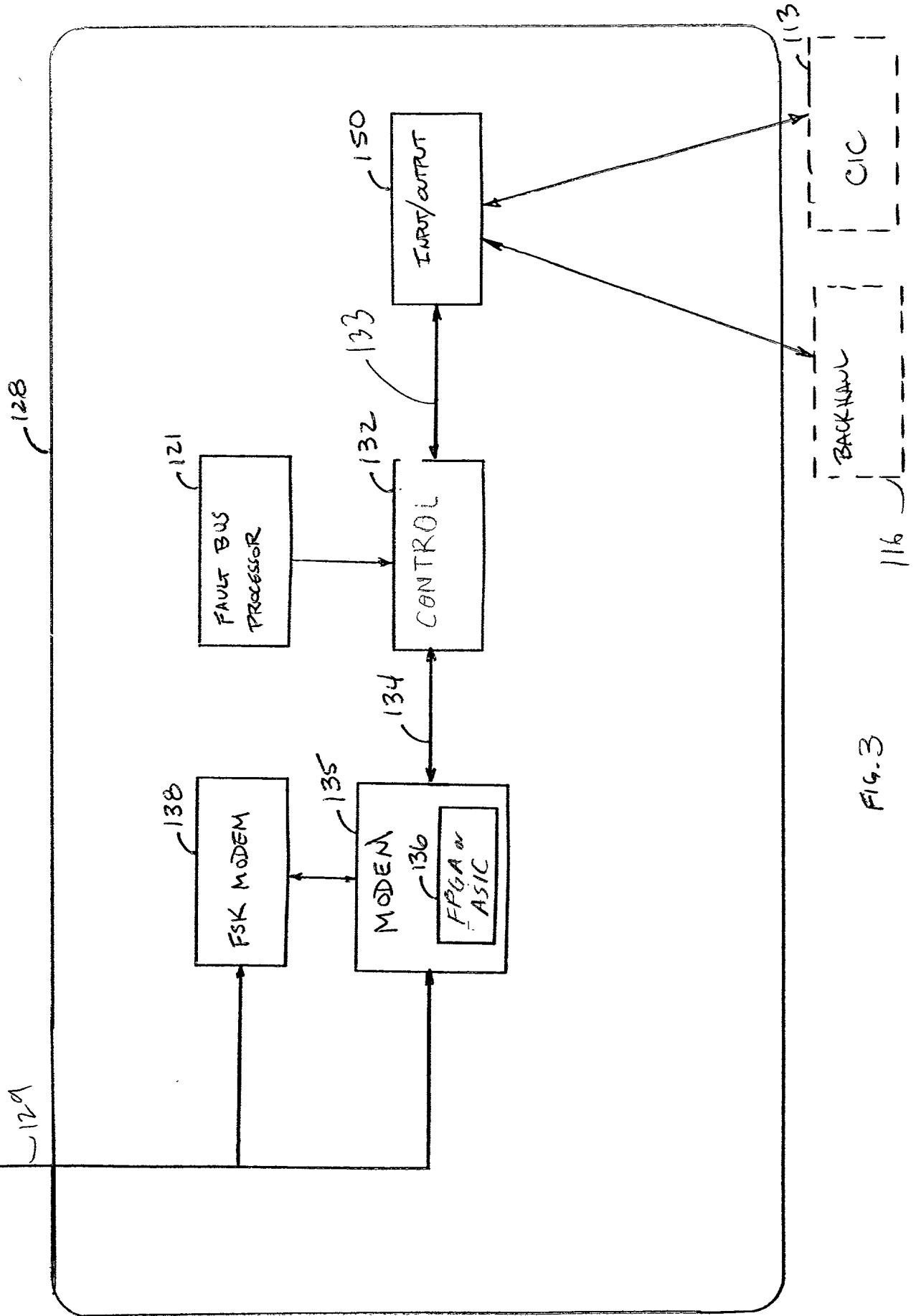


FIG. 3

400

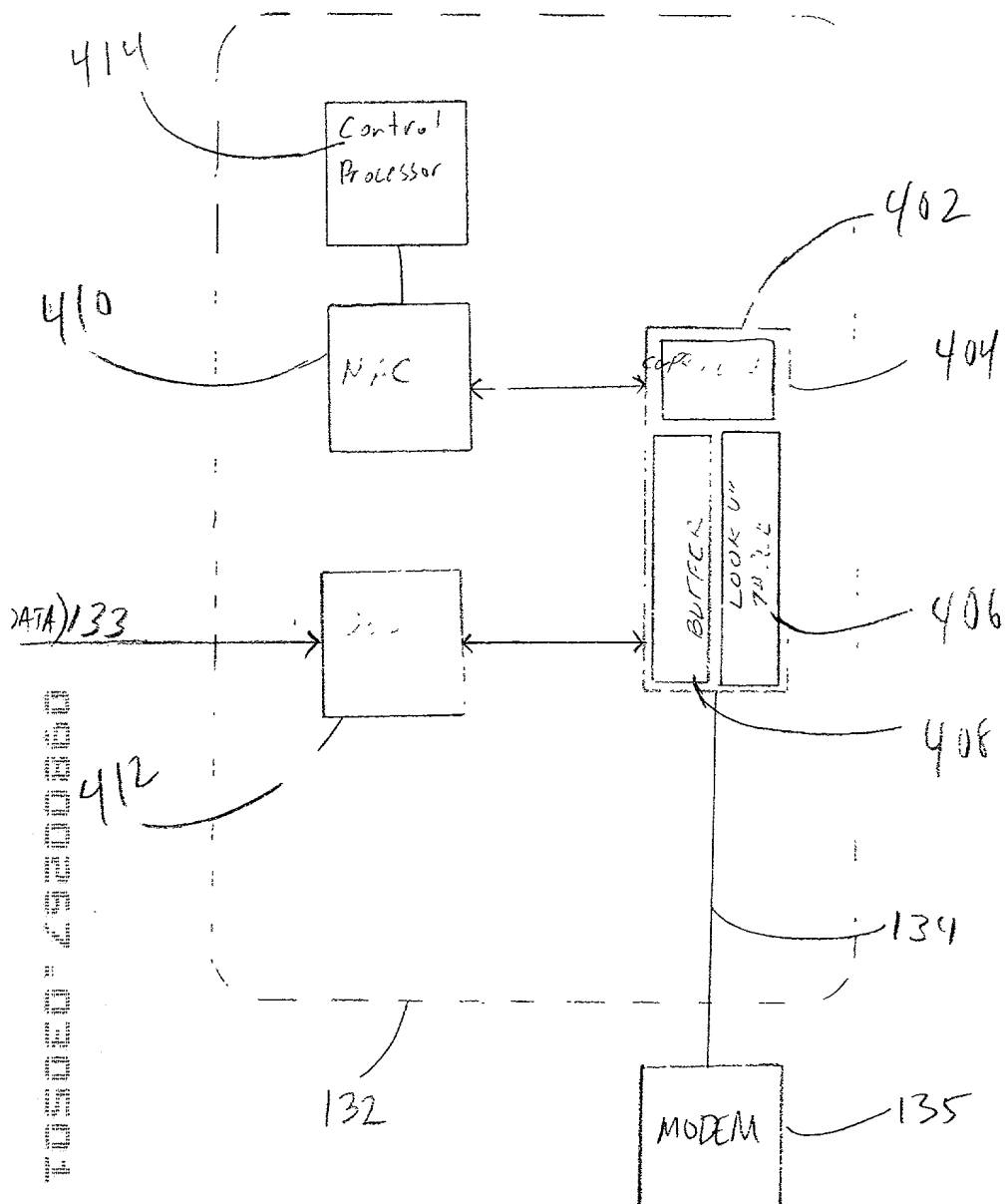


FIG 4

MEDIA ACCESS CONTROLLER (MAC) MODULES

EL739678208US

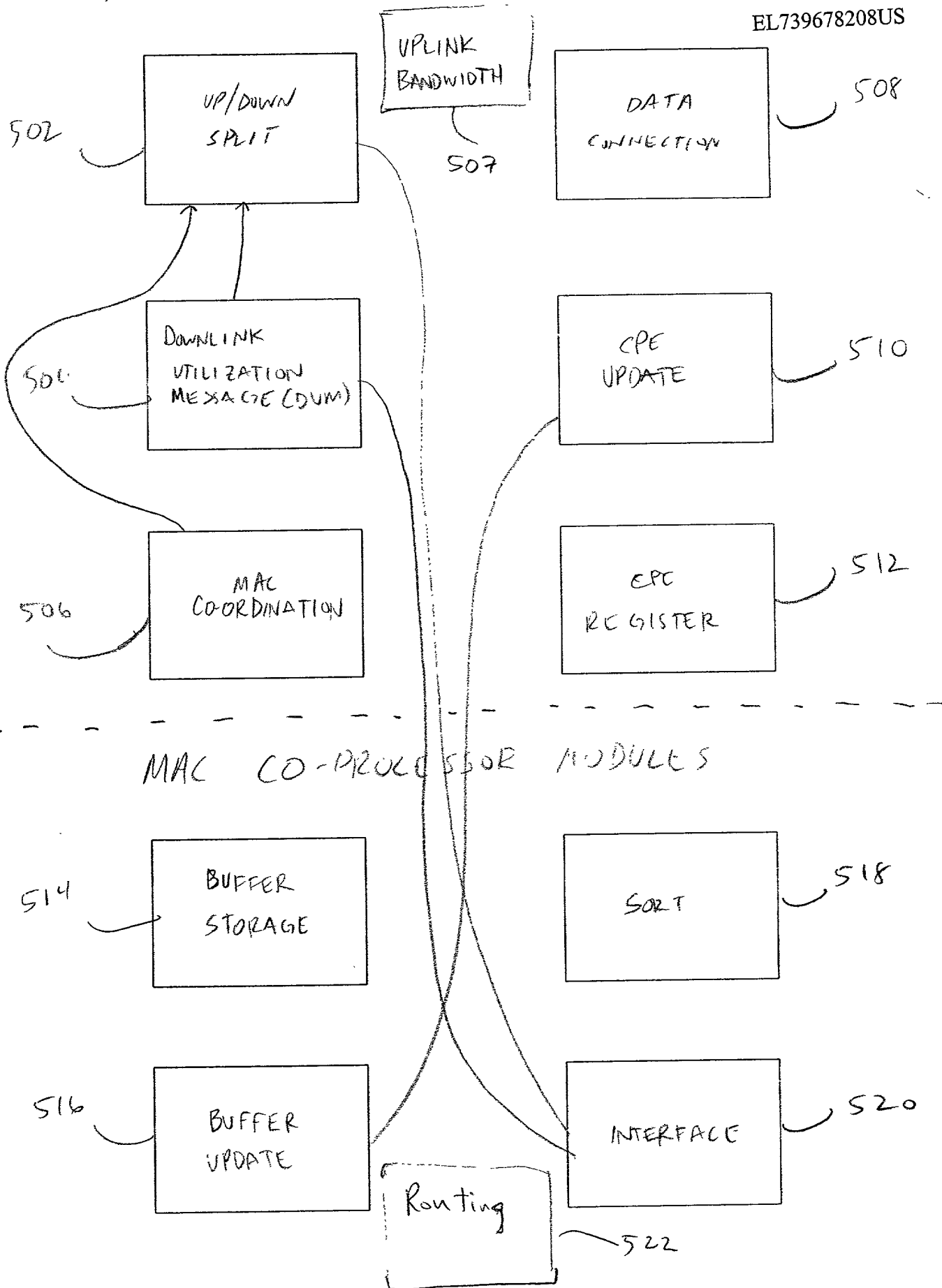


Fig 5

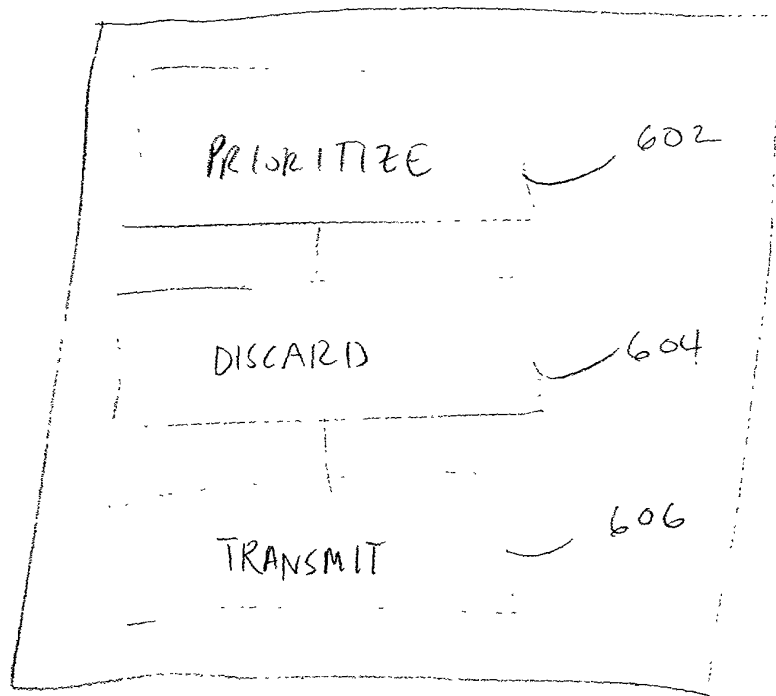


Fig 6

700

DATA RECEIVED BY QOS
FROM INPUT/OUTPUT MODULE

701

In a TDD system,
MCP RECEIVES UP/DOWN LINK
SPLIT FROM MAC

702

MCP RECEIVES PHY/MAC
CONTROL MESSAGES AND MAC
PROTOCOL MESSAGES FROM MAC
- STORES IN BUFFER

704

MCP RECEIVES ONE DATA PACKET
FROM QOS

708

MCP READS CPC SETTINGS
FROM LUT

710

MCP DECREMENTS FRAME BW
BY CURRENT DATA PACKET BW

712

DATA PACKET ADV. COUNTER

FOUO 29002850

MAC

103060 43200000

DOWNLINK
↑
UPLINK
↓

Receives downlink activation message from MCP — 802

Coordination with other MACs in base station — 804

Determines up/down link split — 806
- sends to MCP

Transfer PHY/MAC control and MAC protocol messages to MCP — 808

Receives new CPE registrations — 810

Processes uplink BW requests
Build uplink map to next frame — 812

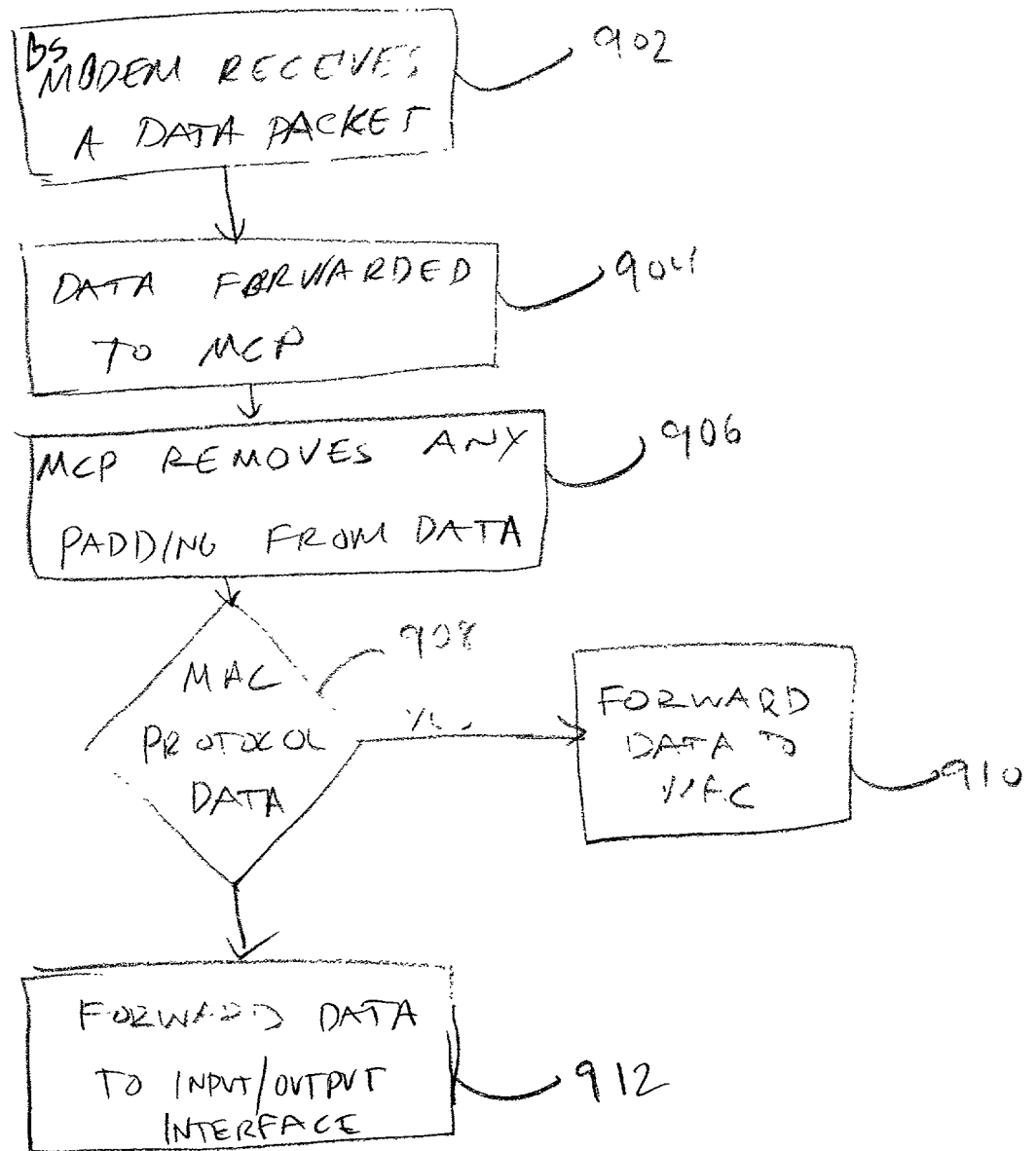


FIG. 9

900 →

Fig 9

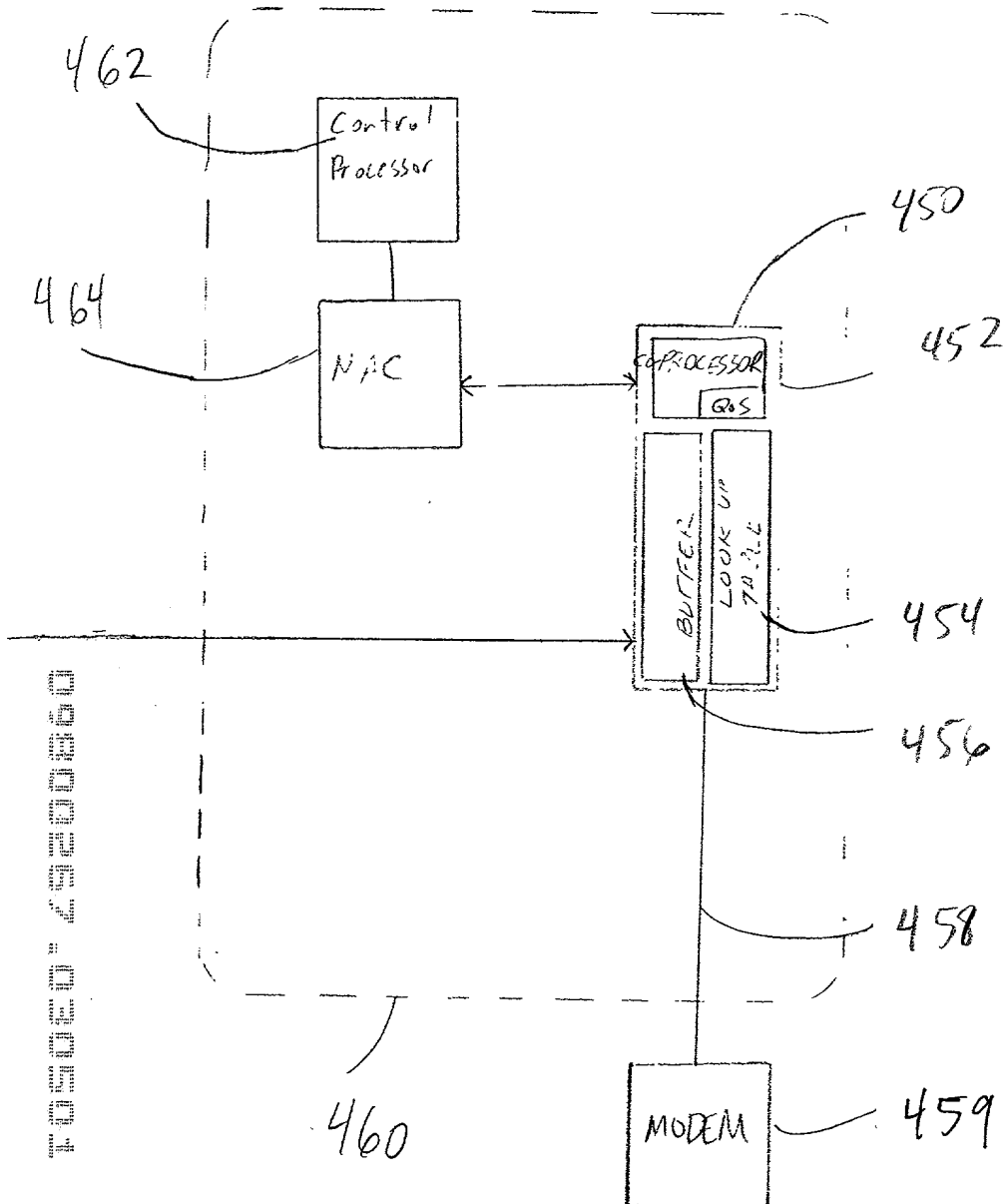


FIGURE 10

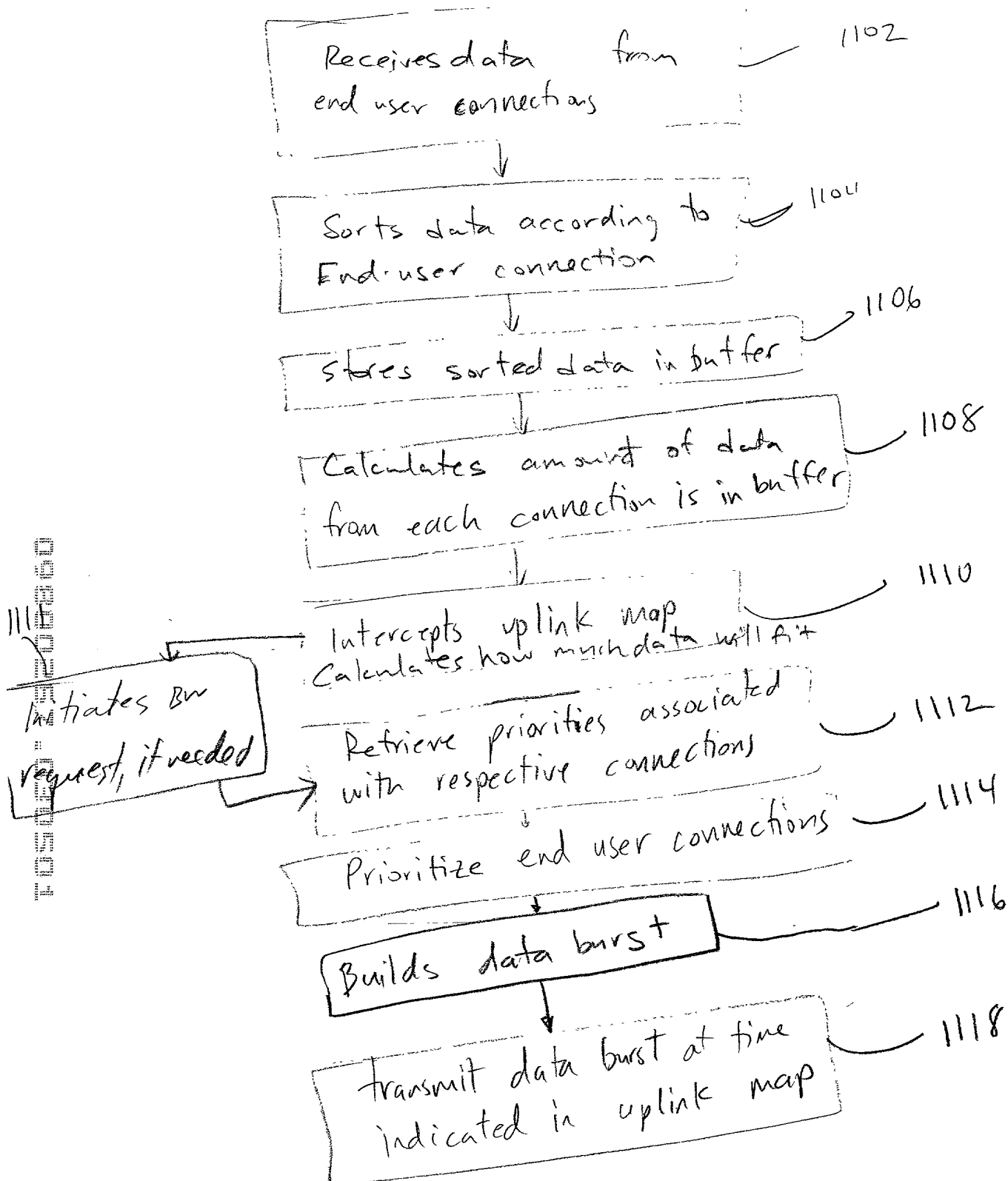


FIGURE 11